

Listing of Claims

1. (Original) Pharmaceutical composition characterized by containing an effective amount of DM43 protein and a pharmaceutically acceptable vehicle.
2. (Currently amended) Composition according to claim 1 characterized by effective concentrations of DM43 protein ~~be~~ within the range of to 1000 ng/mL.
3. (Original) Method to inhibit metalloproteinases in human cells through the administration of an effective amount of DM43 protein.
4. (Currently amended) Method for the treatment of tumor diseases in human patients, characterized by the administration of an effective amount of DM43 protein to the referred patient, as defined in ~~claims 1 and 2~~claim 1.
5. (Currently amended) Method for the treatment of breast tumors, prostate tumors, nape tumors, head tumors and lung tumors, using the composition of ~~claims 1 and 2~~claim 1.
6. (Currently amended) Method for the treatment of central nervous system diseases in human patients, using the composition of ~~claims 1 and 2~~claim 1.
7. (Currently amended) Method for the treatment of diseases such as multiple sclerosis and Alzheimer disease, using the composition of ~~claims 1 and 2~~claim 1.
8. (Currently amended) Method for the treatment of articular diseases such as osteoarthritis in human patients, using the composition of ~~claims 1 and 2~~claim 1.
9. (Original) Use of DM43 protein in human treatment to inhibit the presence of matrix metalloproteinases.

10. (New) Method for the treatment of tumor diseases in human patients, characterized by the administration of an effective amount of DM43 protein to the referred patient, as defined in claim 2.

11. (New) Method for the treatment of breast tumors, prostate tumors, nape tumors, head tumors and lung tumors, using the composition of claim 2.

12. (New) Method for the treatment of central nervous system diseases in human patients, using the composition of claim 2.

13. (New) Method for the treatment of diseases such as multiple sclerosis and Alzheimer disease, using the composition of claim 2.

14. (New) Method for the treatment of articular diseases such as osteoarthritis in human patients, using the composition of claim 2.